

## CA-NV AWWA Water Loss Technical Assistance Program Wave 4 Water Audit Level 1 Validation Document

Water System Name: City of Chino Hills

Water System ID Number: CA3610036

Water Audit Period: Fiscal Year 2016/17

### Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

1. Water meters were installed on vector trucks, water trucks and street sweepers.
2. Water Maps are being updated to reflect actual piping.

### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Mark Wiley

Water and Sewer Manager

Executive Name (Print)

Executive Position

Signature

Date



10/5/17

## CA-NV AWWA Water Loss Technical Assistance Program Wave 4 Water Audit Level 1 Validation Document

### Audit Information:

Utility: Chino Hills      PWS ID: 3610036  
System Type: Potable      Audit Period: Calendar 2016  
Utility Representation: Mark Wiley, Cheryl Yeamans, Jake Loukeh  
Validation Date: 9/5/2017      Call Time: 2pm      Sufficient Supporting Documents Provided: Yes

### Validation Findings & Confirmation Statement:

#### Key Audit Metrics:

Data Validity Score: 67      Data Validity Band (level): Band III (51-70)  
ILI: 1.07      Real Loss: 17.93 (gal/conn/day)      Apparent Loss: 5.02 (gal/conn/day)  
Non-revenue water as percent of cost of operating system: 2.1%

#### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. X

### Validator Information:

Water Audit Validator: Reinhard Sturm / Carolyn Prescott (support)      Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP

Validator Provided